## 2020 Carbon Sequestration in Agricultural Soils from Cover Cropping Practices

Total CO<sub>2</sub> Equivalent Sequestration: 147,695 Tons

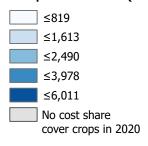
Cover Crops have been shown to sequester soil organic carbon (SOC) in agricultural soils. Research by C. Poeplau and A. Don has shown a mean annual SOC sequestration value of  $0.14 \pm 0.04$  t/ac/y from cover crops. This value was used to calculate equivalent CO<sub>2</sub> sequestration by county for Indiana Conservation Partnership supported cover crop practices.

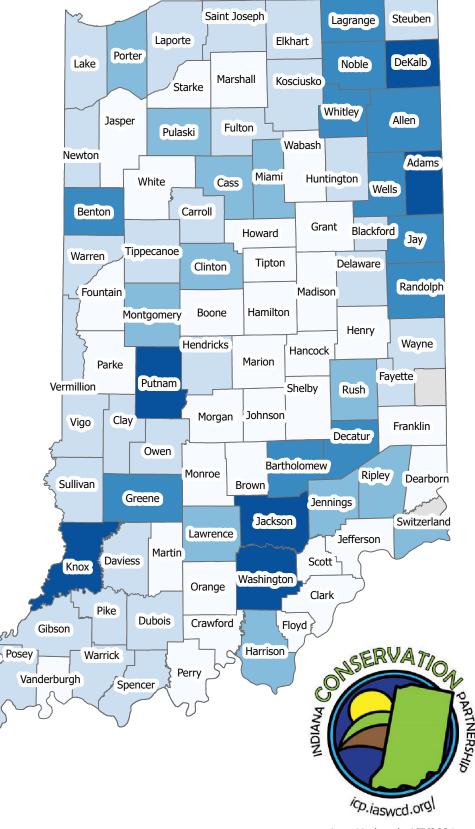


X 28,960

The U.S. EPA estimates that a typical passenger vehicle emits about 5.1 tons of  $CO_2$  per year. The carbon sequestered by 2020 cover crops is the equivalent of the annual emissions of 28,960 vehicles.

## CO<sub>2</sub> Equivalent Sequestration (Tons)





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